

LOCKHEED MARTIN



DATE: 11/07/07
 TO: Mr. Raj Singhvi, U. S. EPA/ERT
 Thru: Vinod Kansal, Analytical Section Leader, REAC *Vinod Kansal*
 FROM: Jay Patel, Inorganic Group Leader, REAC *Jay Patel*
 SUBJECT: Preliminary Results of Project: Tidewater Bayling WA# EAC00292 *(3)*

Attached please find the preliminary results of the above referenced project for the following samples.

NO QC EVALUATION/VALIDATION HAS BEEN PERFORMED
 DATA VALIDITY IS UNSUBSTANTIATED
 AND THE DATA SHOULD BE USED WITH DISCRETION

<u>Chain of Custody No.</u>	<u># of samples</u>	<u>Matrix</u>	<u>Analyses</u>
<u>292-11/06/07-0004</u>	<u>5</u>	<u>Dust</u>	<u>Lead Analyses</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

CC: Central File # EAC00292

Vinod Kansal

Analytical Section Leader, REAC

R. Singhvi
D. Killeen
M. Ebel

Work Assignment Manager, U. S. EPA/ERT

Task Leader, REAC

L. Martin

Hazardous Waste Co-ordinator, REAC

Table 1.x (cont.) Results of the Analysis for Metals in Dust
 WA # 0-292 Tidewater Bailing
 Results Based on Sample As Received
NO QC EVALUATION / VALIDATION HAS BEEN PERFORMED

Analyte			Lead	
Sample No.	Location	% Solids	Result mg/kg	RL mg/kg
Method Blank-11/06/07	Lab	NA	U	1.00
42657	17-T	100	1410	1.25
42658	19-T	100	1130	1.11
42659	16-T	100	2290	1.00
42660	21-T	100	230	1.00
42661	7-T	100	1340	1.00

RL denotes Reporting Limit

U denotes Not Detected

Field Sampling Information*

PROJECT: EAC00292 TIDEWATER BAILING
 MATRIX VACUUM DUST

Location	Total Weight	Sieved Weight	Dust Loading	Total Area
17-T	324.91	4.02	40.6 g/m ²	8 m ²
19-T	318.73	4.25	20.2 g/m ²	16 m ²
16-T	51.7	12.86	3.2 g/m ²	16 m ²
21-T	1125.8	145.42	70.4 g/m ²	16 m ²
7-T	362.12	24.62	22.6 g/m ²	16 m ²

* Information provided by D. Killeen on 11/07/07

Table 2.x (cont.) Results of the MS/MSD Analysis for Metals in Dust
 WA # 0-292 Tidewater Bailing
 Results Based on Sample As Received

NO QC EVALUATION / VALIDATION HAS BEEN PERFORMED

Sample No. 42660										
Analyte	Sample Result mg/kg	MS Spike Added mg/kg	MS Result mg/kg	MS % Rec	MSD Spike Added mg/kg	MSD Result mg/kg	MSD % Rec	RPD	Recommended QC Limits %Rec RPD	
Lead	230	40.0	285	NC	40.0	281	NC	NC	75-125	20

NC - denotes Not Calculated due to higher concentration of the analyte in the sample

Primary Results
 Data Not Validated

EP-C-04-032

CHAIN OF CUSTODY RECORD

No: 292-11/06/07-0004

Site #: 292

Contact Name: Deborah Killeen

Lab: REAC

Contact Phone: 732-321-4245

Lab Phone: 732-321-4252

Lab #	Sample #	Location	Matrix	Collected	Numb Cont	Container	Preservative	Analyses	MS/MSD
15414	42657	17-T	Dust	11/1/2007	1	8 oz cwm	None	Lead (Pb)	N
15415	42658	19-T	Dust	11/1/2007	1	8 oz cwm	None	Lead (Pb)	N
15416	42659	16-T	Dust	11/1/2007	1	8 oz cwm	None	Lead (Pb)	N
15417	42660	21-T	Dust	11/1/2007	1	8 oz cwm	None	Lead (Pb)	Y
15418	42661	7-T	Dust	11/1/2007	1	8 oz cwm	None	Lead (Pb)	N

date 11/6/07

Special Instructions: Use sample 21-T for the MS/MSD

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

QC 80. 11/6/07

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
<i>All / Analysis</i>	<i>Deborah Killeen</i>	<i>11/6/07</i>	<i>Zhang / [Signature]</i>	<i>11/6/07</i>	<i>8:10</i>	<i>All / Analysis</i>	<i>Zhang / [Signature]</i>	<i>11/6/07</i>	<i>AAR / [Signature]</i>	<i>11/6/07</i>	<i>8:30</i>